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Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 1

Complete if Known Application Number 10/785,558 Filing Date 02/24/2004 First Named Inventor Hulse Art Unit 2875 Examiner Name Not yet assigned 0232W/00027-U Attorney Docket Number

			U. S. PATEN	F DOCUMENTS	
Examiner Initials*	Cite No.'	Document Number Number-Kind Code ² (f Anount)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
JC	 	^{US-} 6,582,103	06-24-2003	Popovich et al.	
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Sheet 1

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449/PTO

Complete if Known **Application Number** 10/785,558 Filing Date 02/24/2004 First Named Inventor George R. Hulse Art Unit Not yet assigned Not yet assigned **Examiner Name** Attorney Docket Number 0232W/00027-U

Examiner	Cita	Document Number	Publication Date	DOCUMENTS Name of Patentee or	Pages, Columns, Lines, Where
initials*	Cite No.	Document Namber	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant
		Number-Kind Code ^{2 (# known)}			Figures Appear
JL		^{US-} 4,111,520	09-1978	Bernal G.	
JL		^{US-} 4,298,869	11-1981	Okuno	1
乱		us- 4,422,719	12-27-1983	Orcult	
Z		^{US-} 4,376,946	03-1983	Kaminow et al.	
JC		^{US-} 4,597,033	06-1986	Meggs et al.	
JC		US- 4,607,317	08-1986	Lin .	<u> </u>
JL		US- 4,767,172	08-1988	Nichols et al.	
ā	1	US- 4,785,567	11-1988	Consiglio	\
ac.		^{US-} 4,891,896	01-1990	Boren	\\
JC		US- 4,976,057	12-1990	Bianchi	
JL		US- 4,996,632	02-1991	Aikens	
JL		^{US-} 5,057,981	10-1991	Bowen et al.	
JC.	\Box	^{US-} 5,151,679	09-1992	Dimmick	
JC		us- 5,201,020	04-1993	Kannabiran	
JC		US- 5,219,217	06-1993	Aikens	
JC		US- 5,301,090	04-1994	Hed	
JC	1	^{US-} 5,303,133	04-1994	Wagner	
豇	1	US- 5,365,411	11-1994	Rycroft et al.	
JL	 	US- 5,375,043	12-1994	Tokunaga	

		FOREI	GN PATENT DOCU	MENTS		
	Cite No.	Foreign Patent Document	Publication · Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	76
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Sheet 2

Cor	nplete if Known	
Application Number	10/785,558	
Filing Date	02/24/2004	
First Named Inventor	George R. Hulse	
Art Unit	Not yet assigned	
Examiner Name	Not yet assigned	
Attorney Docket Number	0232W/00027-U	

				DOCUMENTS Name of Patentee or	Pages, Columns, Lines, Where
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant
nitials	140.	Number-Kind Code ^{2 (# Incom)}			Figures Appear
ユ		. ^{US-} 5,410,453	04-1995	Ruskouski	<u> </u>
30		^{US-} 5,416,679	05-1995	Ruskouski et al.	
<u>عر_</u> _		US- 5,459,955	10-1995	Ruskouski et al.	
30		^{US-} 5,475,786	12-1995	Nishiguchi et al.	
<u>ਰ</u> ੁ		US- 5,497,440	03-1996	Croitoru et al.	
ゴム		US- 5,526,236	06-1996	Burnes et al.	
ひし		US- 5,537,297	07-1996	Ghandehari	
31		us- 5,588,236	12-1996	Suzůki	
J	<u> </u>	us- 5,613,751	03-1997	Parker et al.	
<u> </u>		us- 5,618,096	04-1997	Parker et al.	\\
エ		US- 5,640,792	06-1997	Smith et al.	
JL		^{US-} 5,694,513	12-1997	Okaniwa	
JC		US- 5,842,297	12-1998	Tung	
30	· ·	us- 5,876,107	03-1999	Parker et al.	
ずし	1	us- 5,879,076	03-1999	Cross	\\
JC	1	^{US-} 5,887,968	03-1999	Logan	
JC	<u> </u>	^{US-} 5,921,652	07-1999	Parker et al.	
JL		US- 5,934,792	08-1999	Camarota [*]	\
JI.	†	us- 5,950,340	09-1999	Woo	1

		FORE	GN PATENT DOCU	MENTS		
	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	هې ا
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Translation is attached.

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Complete if Known Substitute for form 1449/PTO **Application Number** 10/785,558 Filing Date 02/24/2004 INFORMATION DISCLOSURE First Named Inventor George R. Hulse STATEMENT BY APPLICANT Art Unit Not yet assigned (Use as many sheets as necessary) Examiner Name Not yet assigned 0232W/00027-U Attorney Docket Number Sheet

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	: Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	-	Number-Kind Code ² (# brown)	40.4000	Chan	
JC	<u> </u>	^{US-} 5,964,518	10-1999	Shen	
び		^{US-} 5,996,263	12-1999	Black	
JL		us- 6,023,869	02-2000	Durbin	
ひと		us- 6,042,248	03-2000	Hannah et al.	
JC		^{US-} 6,076,294	06-2000	Durbin	
JC		^{US-} 6,079,838	06-2000	Parker et al.	
JL		us- 6,095,673	08-2000	Goto et al.	
JL		US- 6,123,442	09-2000	Freier et al.	
a		^{US-} 6,146,006	11-2000	Cross	\
JC		US- 6,158,882	12-2000	Bischoff, Jr.	
JC		^{US-} 6,186,645	02-2001	Camarota	
JC		^{us-} 6,193,385	02-2001	Maki et al.	
JC		us- 6,204,899	03-2001	Hall	
JC		us- 6,283,612	09-2001	Hunter	\.
JC		us- 6,354,714	03-2002	Rhodes	\
JL		us- 6,361,186	03-2002	Slayden	
ぴ		^{US-} 6,394,623	05-2002	Tsui 🚉	\
JL		us- 6,592,238	07-15-2003	Cleaver et al.	
JL		^{US-} 6,676,284	01-13-2004	Wilson	

			GN PATENT DOCU			
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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